

WHAT IS CLAIMED IS:

1. A pipe cutter comprising:

a body having two side walls and each of said side walls having an arcuate slot defined therethrough, said body having a first end with a rod movably and pivotally extending therethrough and a second end having a first contacting member rotatably connected thereto;

a first link having a first end thereof pivotally connected to said body and a second end thereof having a disk blade rotatably connected thereto, said rod pivotally connected to said first link, and

a second link having a first end thereof pivotally connected to said first link and a second end thereof having a second contacting member rotatably connected thereto, said second contacting member having two protrusions extending centrally and longitudinally therefrom so as to move within said two arcuate slots.

2. The pipe cutter as claimed in claim 1 further comprising a knob connected to one of two ends thereof.

3. The pipe cutter as claimed in claim 1, wherein said rod is a threaded rod.

4. The pipe cutter as claimed in claim 1 further comprising a tube rotatably received in said first end of said body and said rod movably extending through said tube.

5. The pipe cutter as claimed in claim 1, wherein said body comprises an arcuate plate and said two side walls extend from two opposite sides of said arcuate plate.

6. The pipe cutter as claimed in claim 1, wherein each of said two side walls has an arcuate recess defined in one of two sides thereof so as to be adapted to receive a pipe to be cut.

1 13. The pipe cutter as claimed in claim 9, wherein said body comprises an
2 arcuate ²⁰¹ plate and said two side ²⁰² walls extend from two opposite sides of said arcuate
3 plate.

4 14. The pipe cutter as claimed in claim 9, wherein each of said two side
5 ²⁰² walls has an arcuate ²⁰³ recess defined in one of two sides thereof so as to be adapted to
6 receive a pipe to be cut.

7 15. The pipe cutter as claimed in claim 9, wherein each of said first link
8 and said second link includes two plates connected with each other with a gap
9 defined between said two plates.

10 16. The pipe cutter as claimed in claim 9, wherein the back of said ²⁵ second
11 link has a raised portion which contacts said guide roller when said second
12 contacting member is moved beside said first contacting member.

13 17. The pipe cutter as claimed in claim 9 further comprising a connecting
14 plate connected between said two side walls.

15 18. A pipe cutter comprising:

16 a body having two side walls and each of said two side walls having an
17 arcuate notch defined in one of two sides thereof, said body having a first end with a
18 rod pivotally and movably extending therethrough and a second end having a first
19 contacting member rotatably connected thereto;

20 a first link having a first end thereof pivotally connected to said body and
21 a second end thereof having a disk blade rotatably connected thereto, said rod
22 pivotally connected to said first link, and

23 a second link having a first end thereof pivotally connected to said first link
24 and a second end thereof having a second contacting member rotatably connected
25 thereto, a spring biased between said second link and said body, said second

1 contacting member having two protrusions extending centrally and longitudinally
2 therefrom so as to move along said two arcuate notches. /

3 2 19. The pipe cutter as claimed in claim 18 further comprising a knob
4 connected to one of two ends thereof. /

5 3 20. The pipe cutter as claimed in claim 18, wherein said rod is a threaded
6 rod. /

7 4 21. The pipe cutter as claimed in claim 18 further comprising a tube
8 rotatably received in said first end of said body and said rod movably extending
9 through said tube. /

10 5 22. The pipe cutter as claimed in claim 18, wherein said body comprises an
11 arcuate plate and said two side walls extend from two opposite sides of said arcuate
12 plate. /

13 6 23. The pipe cutter as claimed in claim 18, wherein each of said two side
14 walls has an arcuate recess defined in the side in which the arcuate notch is defined
15 so as to be adapted to receive a pipe to be cut. /

16 7 24. The pipe cutter as claimed in claim 18, wherein each of said first link
17 and said second link includes two plates connected with each other with a gap
18 defined between said two plates. /

19 8 25. The pipe cutter as claimed in claim 18 further comprising a connecting
20 301 plate connected between said two side walls.

1 7. The pipe cutter as claimed in claim 1, wherein each of said first link and
2 said second link includes two plates connected with each other with a gap defined
3 between said two plates.

4 8. The pipe cutter as claimed in claim 1 further comprising a connecting ¹⁰¹
5 plate connected between said two side walls.

6 9. A pipe cutter comprising:

7 a body ²⁰² having two side walls and a first end with a rod ²¹ movably and
8 pivotally extending therethrough and a second end having a first contacting member ²²
9 rotatably connected thereto;

10 a guide roller ²⁰³ connected between said two side walls;

11 a first link ²³ having a first end thereof pivotally connected to said body and
12 a second end thereof having a disk blade ²⁴ rotatably connected thereto, said rod ²¹
13 pivotally connected to said first link, and

14 a second link ²⁵ having a first end thereof pivotally connected to said first link
15 and a second end thereof having a second contacting member ²⁶ rotatably connected
16 thereto, a spring ²⁵⁰ biased between said second link and said body and said guide roller ²⁰⁰
17 rolling on the back of said second link ²⁵ when said second link moves.

18 10. The pipe cutter as claimed in claim 9 further comprising a knob ²¹⁰
19 connected to one of two ends thereof.

20 11. The pipe cutter as claimed in claim 9, wherein said rod is a threaded ²¹
21 rod.

22 12. The pipe cutter as claimed in claim 9 further comprising a tube ²¹¹
23 rotatably received in said first end of said body and said rod ²¹ movably extending
24 through said tube.